

PATENT
Atty. Docket No. 3495.0111-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1074
In re Application of:
Bernard DUJON et al.
Serial No.: 09/836,169
Filed: April 18, 2001

Group Art Unit: 1652

Examiner: Patterson, Charles

For: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I
AND THE USES THEREOF

Commissioner for Patents
Washington, D.C. 20231

Sir:

TERMINAL DISCLAIMER

Petitioner ("assignees") INSTITUT PASTEUR, duly organized under the laws of France, and having its principal place of business at 28, rue du Docteur Roux, 75724 Paris Cedex 15, France, and UNIVERSITE PARIS VI, also known as UNIVERSITE PIERRE ET MARIE CURIE, duly organized under the laws of France, and having its principal place of business at 4, place Jussieu, 75252 Paris, France, herein after referred to as "the Assignees", represent that they are the only assignees of the entire right, title and interest in and to both the above-identified application, Serial No. 09/836,169 filed April 18, 2001, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment duly recorded at Reel 7546, Frame 0001, in the United States Patent and

~~RECEIVED~~ 11

MAR 04 2003

TECH CENTER 1600/2900

202 460 400

Trademark Office (copy attached), and application Serial No. 08/417,226 filed April 5, 1995, now U.S. Patent No. 5,962,327, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment(s) duly recorded at Reel 7546, Frame 0001, in the United States Patent and Trademark Office (copy attached). The Assignees further represent that to the best of Assignees' knowledge and belief, title to the above-identified application, Serial No. 09/836,169, and the United States Patent No. 5,962,327 are in assignee, which is submitting this Terminal Disclaimer.

To obviate a double patenting rejection, the Assignees hereby disclaim, under the provisions of 37 C.F.R. § 1.321, the terminal part of any patent granted on the above-identified application, Serial No. 09/836,169, which would extend beyond the expiration date of Patent No. 5,962,327, and hereby agree that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent No. 5,962,327, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim the terminal part of any patent granted on Appl. Serial No. 09/836,169, that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §§ 154 to 156 and 173 of Patent No. 5,962,327, as presently shortened by any terminal disclaimer, in the event that Patent No. 5,962,327, expires for failure to pay a maintenance fee, is held unenforceable, is found

invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or in part, is terminally disclaimed under 37 C.F.R. § 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term, as presently shortened by any terminal disclaimer.

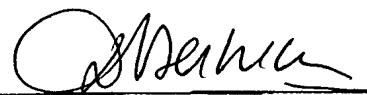
The undersigned is authorized to act on behalf of the assignee INSTITUT PASTEUR.

I hereby declare that all statements made of my own knowledge and belief are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

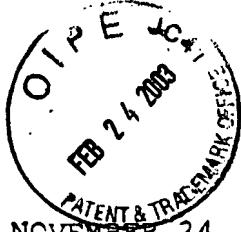
Respectfully submitted,

INSTITUT PASTEUR

Dated: January 31, 2003


By: Danielle Berneman
Title: Head of Patents & Inventions Office

Danielle BERNEMAN
Chef du Service des Brevets
& Inventions



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 24, 1995

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FINNEGAN, HENDERSON, GARRETT ET AL
KENNETH J. MEYERS
1300 I STREET, N.W.
WASHINGTON, D.C. 20005

NOV 30 1995

100037099A

FINNEGAN, HENDERSON,
FARASOW, GARRETT & DUJON, L.

3495-0111-01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/11/1995

REEL/FRAME: 7546/0001

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUJON, BERNARD

DOC DATE: 04/26/1995

ASSIGNOR:

CHOULIKA, ANDRE

DOC DATE: 05/29/1995

RECEIVED

MAR 04 2003

ASSIGNOR:

COLLEAUX, LAURENCE

DOC DATE: 04/13/1995

TECH CENTER 1600/2

ASSIGNOR:

FAIRHEAD, CECILE

DOC DATE: 06/07/1995

ASSIGNOR:

PERRIN, ARNAUD

DOC DATE: 05/31/1995

ASSIGNOR:

PLESSIS, ANNE

DOC DATE: 04/14/1995

ASSIGNOR:

THIERRY, AGNES

DOC DATE: 04/14/1995

11-20-95

ASSIGNEE:

INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
PARIS CEDEX 15, FRANCE 75724

SERIAL NUMBER: 07971160
PATENT NUMBER: 5474896

FILING DATE: 11/05/1992
ISSUE DATE: 12/12/1995

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



To the Honorable Commissioner of

Please record the attached original documents or copy _____

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

Bernard DUJON, Andre CHOULIKA, Laurence COLLEAUX, Cecile FAIRHEAD, Arnaud PERRIN, Anne PLESSIS and Agnee THIERRY

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 4/13/95; 4/14/95; 4/26/95;
5/29/95; 5/31/95; and 6/7/95

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
 U.S.S.N. 07/971,160
 BATCH NO. E94

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FINNEGAN, HENDERSON, FARABOW,
 Internal Address: GARRETT & DUNNER

Street Address: 1500 I Street, N.W.

City: Washington
 State: D.C. ZIP: 20005

6. Total number of applications and patents involved 17. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed Authorized to be charged to deposit account8. Deposit account number: 06-0916
 Attach duplicate copy of this page if paying by deposit account.

KK60008 07/27/95 07971160

06-0916 060 581 40.00CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth J. Meyers
 Registration No. 25,146

Signature

SGIV 11, 1995

Date

Total number of pages including cover sheet, attachments and document: 5

U.S. Serial No.
Batch No. H94
Ally. Socket No. 3495.0112-01

2. Name and address of receiving party(ies): (Cont'd)

Additional Assignee: UNIVERSITE PARIS-VI
Street Address: 4, place Jussieu
City: 75005 Paris, France

JOINT INVENTION
(03495-0111-01000)
(U.S. Rights Only.)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SceI AND THE USES THEREOF

(Title of Invention)

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 5, 1992, (Serial No. 07/971,160; and

WHEREAS, INSTITUT PASTEUR and UNIVERSITE PARIS-VI

(Full Name of Assignees)

corporations of France

(State of Incorporation)

whose post office addresses are 28, rue du Docteur Roux, 75724 Paris Cedex 15, France and 4, place Jussieu, 75005 Paris, France, respectively (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignees I hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patents for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant and agree that I/We will, without further consideration, communicate with assignees, their successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that a expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

County of Vu pour certification
matérielle de la signature)
State of de MR Bernard DUJON)

Subscribed and sworn to before me this
day Paris, le 21 JUIN 1995.

D Notary Public

SEAL matérielle de la signature
de MR Andre CHOULIK

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Vu pour certification Notary Public
matérielle de la signature

SEAL de Mme LAURENCE COLLEAU
apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Vu pour certification Notary Public
matérielle de la signature

SEAL de Mme Cecile FAIRHEAD
apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Notary Public

1. Full Name of First Assignor:
BERNARD DUJON
2. Address: 6, rue de la Gruerie
91190 Gif Sur Yvette, France
3. First Assignor's Signature: [Signature]
4. Date: 26/04/95

2. Full Name of Second Assignor:
ANDRE CHOULIK
3. Address: 3, rue F. Mouchon
75015 Paris, France
4. Second Assignor's Signature: [Signature]
5. Date: 23.05.95

3. Full Name of Third Assignor:
LAURENCE COLLEAU
4. Address: 9 Westfield Road
Edinburgh EH11 2QT, Scotland(UK)
5. Third Assignor's Signature: [Signature]
6. Date: 13/04/95

4. Full Name of Fourth Assignor:
CECILE FAIRHEAD
5. Address: 47, rue E. Dolet
92240 Malakoff, France
6. Fourth Assignor's Signature: [Signature]
7. Date: 7.6.95

SEAL

Vu pour certifier
matérielle de la signature
de MR Arnaud PERRIN
County of apposée ci-contre
State of Paris, le 21 JUIN 1995

Subscribed and sworn to before me this
day of 19.

Notary Public

Vu pour certification
matérielle de la signature
de Mme Anne PLESSIS

County of apposée ci-contre
State of Paris, le 21 JUIN 1995

Subscribed and sworn to before me this
day of 19.

Notary Public

Vu pour certification
matérielle de la signature
de Mme Agnès THIERRY

County of apposée ci-contre
State of Paris, le 21 JUIN 1995

Subscribed and sworn to before me this
day of 19.

Notary Public

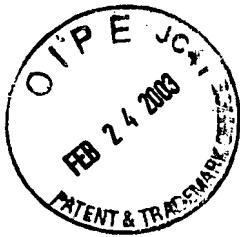
es. : 5. Full Name of Fifth Assignor:
: ARNAUD PERRIN
: Address: 10, avenue P. Appell
: 75014 Paris, France
: Fifth Assignor's Signature:
: Date: 31.05.95

es. : 6. Full Name of Sixth Assignor:
: ANNE PLESSIS
: Address: 42, rue N. D. Des Champs
: 75006 Paris, France
: Sixth Assignor's Signature:
: Date: 14/04/95 APLESSIS

es. : 7. Full Name of Seventh Assignor:
: AGNES THIERRY
: Address: 66, rue d'Alleray
: 75015 Paris, France
: Seventh Assignor's Signature:
: Date: 14/04/95

SEAL

PINNEGAN, HENDERSON, PARABOW, GARRETT & DUNNER
WASHINGTON, D.C.



PATENT
Atty. Docket No. 3495.0111-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Bernard DUJON et al.) Group Art Unit: 1652
Serial No.: 09/836,169) Examiner: Patterson, Charles
Filed: April 18, 2001) 274

For: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I
AND THE USES THEREOF

Commissioner for Patents
Washington, D.C. 20231

Sir:

TERMINAL DISCLAIMER

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(copy attached), and application Serial No. 08/417,226 filed April 5, 1995, now U.S. Patent No. 5,962,327, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment(s) duly recorded at Reel 7546, Frame 0001, in the United States Patent and Trademark Office (copy attached). The Assignees further represent that to the best of Assignees' knowledge and belief, title to the above-identified application, Serial No. 09/836,169, and the United States Patent No. 5,962,327 are in assignee, which is submitting this Terminal Disclaimer.

To obviate a double patenting rejection, the Assignees hereby disclaim, under the provisions of 37 C.F.R. § 1.321, the terminal part of any patent granted on the above-identified application, Serial No. 09/836,169, which would extend beyond the expiration date of Patent No. 5,962,327, and hereby agree that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent No. 5,962,327, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim the terminal part of any patent granted on Appl. Serial No. 09/836,169, that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §§ 154 to 156 and 173 of Patent No. 5,962,327, as presently shortened by any terminal disclaimer, in the event that Patent No. 5,962,327: expires for failure to pay a maintenance fee, is held unenforceable, is found

invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or in part, is terminally disclaimed under 37 C.F.R. § 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term, as presently shortened by any terminal disclaimer.

The undersigned is authorized to act on behalf of the assignee UNIVERSITE PARIS VI/UNIVERSITE PIERRE ET MARIE CURIE.

I hereby declare that all statements made of my own knowledge and belief are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

UNIVERSITE PARIS VI/
UNIVERSITE PIERRE ET MARIE CURIE

Dated: 02/05/2003

By:
Title:

Le Président
de l'Université et M. Curie
(Paris 6)
Gilbert BEREZIAT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 24, 1995

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FINNEGAN, HENDERSON, GARRETT ET AL
KENNETH J. MEYERS
1300 I STREET, N.W.
WASHINGTON, D.C. 20005

NOV 30 1995

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FINNEGAN, HENDERSON,
FARASOW, GARRETT & DUJON

3495-0111-01

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 07/11/1995

REEL/FRAME: 7546/0001

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUJON, BERNARD

DOC DATE: 04/26/1995

ASSIGNOR:

CHOULIKA, ANDRE

DOC DATE: 05/29/1995

ASSIGNOR:

COLLEAUX, LAURENCE

DOC DATE: 04/13/1995

ASSIGNOR:

FAIRHEAD, CECILE

DOC DATE: 06/07/1995

ASSIGNOR:

PERRIN, ARNAUD

DOC DATE: 05/31/1995

ASSIGNOR:

PLESSIS, ANNE

DOC DATE: 04/14/1995

ASSIGNOR:

THIERRY, AGNES

DOC DATE: 04/14/1995

11-30-95

ASSIGNEE:

INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
PARIS CEDEX 15, FRANCE 75724

SERIAL NUMBER: 07971160
PATENT NUMBER: 5474896

FILING DATE: 11/05/1992
ISSUE DATE: 12/12/1995

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FEB 2 1993

1995

To the Honorable Commissioner of

Please record the attached original documents or copy _____

100037099

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

Bernard DUJON, Andre CHOULIKA, Laurence COLLEAUX, Cecile FAIRHEAD, Arnaud PERRIN, Anne PLESSIS and Agnes THIERRY

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 other _____

Execution Date: 4/13/95; 4/14/95; 4/26/95;
5/29/95; 5/31/95; and 6/7/95

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
U.S.S.N. 07/971,160
BATCH NO. E94

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FINNEGAN, HENDERSON, FARABOW,
Internal Address: GARRETT & DUNNERStreet Address: 1300 I Street, N.W.City: Washington
State: D.C. ZIP: 200056. Total number of applications and patents involved 17. Total fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to deposit account8. Deposit account number: 06-0916
Attach duplicate copy of this page if paying by deposit account.

KK60008 07/27/95 07971160

06-0916 060 581 40.00CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth J. Meyers

Registration No. 25,146

Signature

Mar 11, 1995

Date

Total number of pages including cover sheet, attachments and document: 5

U.S. SERIAL NO.

BATCH NO. B94

AIRY. Socket No. 3495.0111-01

2. Name and address of receiving party(ies): (cont'd)

Additional Assignee: UNIVERSITE PARIS-VI
Street Address: 4, place Jussieu
City: 75005 Paris, France

JOINT INVENTION
(03495-0111-01000)
(U.S. Rights Only)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME L-SceI AND THE USES THEREOF

(Title of Invention)

for which I/WE executed an application for United States Letters Patent concurrently (herewith or filed an application for United States Letters Patent on November 5, 1992, (Serial No. 07/971,160; and

WHEREAS, INSTITUT PASTEUR and UNIVERSITE PARIS-VI

(Full Name of Assignees)

corporations of France

(State of Incorporation)

whose post office addresses are 28, rue du Docteur Roux, 75724 Paris Cedex 15, France and 4, place Jussieu, 75005 Paris, France, respectively (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignees I hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patents for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant and agree that I/We will, without further consideration, communicate with assignees, their successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that a expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

County of Vu pour certification)

matérielle de la signature)

State of de MR Bernard DUJON)

Subscribed and sworn to before me this
day of Paris, le 21 JUIN 1995.

Vu pour certification

Notary Public

SEAL matérielle de la signature

de MR. André CHOULIK

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D.D.U.)

Subscribed and sworn to before me this
day of 19.

Vu pour certification

Notary Public

SEAL matérielle de la signature

de Mme Laurence COLLEAU

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D.D.U.)

Subscribed and sworn to before me this
day of 19.

Vu pour certification

Notary Public

SEAL matérielle de la signature

de Mme Cécile FAIRHEAD

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D.D.U.)

Subscribed and sworn to before me this
day of 19.

Notary Public

:1. Full Name of First Assignor:

BERNARD DUJON

: Address: 6, rue de la Gruerie

91190 Gif Sur Yvette, France

: First Assignor's Signature: BDJ

: Date: 26/04/95

:2. Full Name of Second Assignor:

ANDRE CHOULIK

: Address: 3, rue F. Mouton

75015 Paris, France

: Second Assignor's Signature: AC

: Date: 23.05.95

:3. Full Name of Third Assignor:

LAURENCE COLLEAU

: Address: 9 Westfield Road

Edinburgh EH11 2QT, Scotland(UK)

: Third Assignor's Signature: LC

: Date: 13/04/95

:4. Full Name of Fourth Assignor:

CECILE FAIRHEAD

: Address: 47, rue E. Dolet

92240 Malakoff, France

: Fourth Assignor's Signature: CFH

: Date: 7.6.95

SEAL

Vu pour certifi-
matérielle de la signature
de MR Arnaud PERRIN

County of apposée ci-contre)
State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

SEAL
Vu pour certification
matérielle de la signature
de Mme Anne PLESSIS

County of apposée ci-contre)
State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

SEAL
Vu pour certification
matérielle de la signature
de Mme Agnès THIERRY

County of apposée ci-contre)
State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

5. Full Name of Fifth Assignor:

: ARNAUD PERRIN
: Address: 10, avenue P. Appell
: 75014 Paris, France
: Fifth Assignor's Signature:
: AP
: Date: 31.05.95

6. Full Name of Sixth Assignor:

: ANNE PLESSIS
: Address: 42, rue N. D. Des Champs
: 75006 Paris, France
: Sixth Assignor's Signature:
: APlessis
: Date: 14/04/95

7. Full Name of Seventh Assignor:

: AGNES THIERRY
: Address: 66, rue d'Alleray
: 75015 Paris, France
: Seventh Assignor's Signature:
: AT
: Date: 14/04/95

SEAL

PINNEGAN, HENDERSON, PARABOW, GARRETT & DUNNER
WASHINGTON, D.C.



PATENT
Atty. Docket No. 3495.0111-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Bernard DUJON et al.) Group Art Unit: 1652
Serial No.: 09/836,169) Examiner: Patterson, Charles
Filed: April 18, 2001)

3 of 4

For: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I
AND THE USES THEREOF

Commissioner for Patents
Washington, D.C. 20231

Sir:

TERMINAL DISCLAIMER

Petitioner ("assignees") INSTITUT PASTEUR, duly organized under the laws of France, and having its principal place of business at 28, rue du Docteur Roux, 75724 Paris Cedex 15, France, and UNIVERSITE PARIS VI, also known as UNIVERSITE PIERRE ET MARIE CURIE, duly organized under the laws of France, and having its principal place of business at 4, place Jussieu, 75252 Paris, France, herein after referred to as "the Assignees", represent that they are the only assignees of the entire right, title and interest in and to both the above-identified application, Serial No. 09/836,169 filed April 18, 2001, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment duly recorded at Reel 7546, Frame 0001, in the United States Patent and

Trademark Office (copy attached), and application Serial No. 09/196,131 filed November 20, 1998, now U.S. Patent No. 6,238,924, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment(s) duly recorded at Reel 7546, Frame 0001, in the United States Patent and Trademark Office (copy attached). The Assignees further represent that to the best of Assignees' knowledge and belief, title to the above-identified application, Serial No. 09/836,169, and the United States Patent No. 6,238,924 are in assignee, which is submitting this Terminal Disclaimer.

To obviate a double patenting rejection, the Assignees hereby disclaim, under the provisions of 37 C.F.R. § 1.321, the terminal part of any patent granted on the above-identified application, Serial No. 09/836,169, which would extend beyond the expiration date of Patent No. 6,238,924, and hereby agree that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent No. 6,238,924, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim the terminal part of any patent granted on Appl. Serial No. 09/836,169, that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §§ 154 to 156 and 173 of Patent No. 6,238,924, as presently shortened by any terminal disclaimer, in the event that Patent No. 6,238,924, expires for failure to pay a maintenance fee, is held unenforceable, is found

invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or in part, is terminally disclaimed under 37 C.F.R. § 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term, as presently shortened by any terminal disclaimer.

The undersigned is authorized to act on behalf of the assignee INSTITUT PASTEUR.

I hereby declare that all statements made of my own knowledge and belief are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

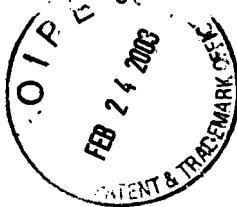
INSTITUT PASTEUR



By: Danielle Berneman
Title: Head of Patents & Inventions Office

Dated: January 31, 2003

Danielle BERNEMAN
Chef du Service des Brevets
& Inventions



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 24, 1995

RECEIVED

FINNEGAN, HENDERSON, GARRETT ET AL
KENNETH J. MEYERS
1300 I STREET, N.W.
WASHINGTON, D.C. 20005

NOV 30 1995

100037099A

FINNEGAN, HENDERSON,
FARASOW, GARRETT & DUJON

3495-0111-01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/11/1995

REEL/FRAME: 7546/0001
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

DUJON, BERNARD

DOC DATE: 04/26/1995

ASSIGNEE:

CHOULIKA, ANDRE

DOC DATE: 05/29/1995

ASSIGNEE:

COLLEAUX, LAURENCE

DOC DATE: 04/13/1995

ASSIGNEE:

FAIRHEAD, CECILE

DOC DATE: 06/07/1995

ASSIGNEE:

PERRIN, ARNAUD

DOC DATE: 05/31/1995

ASSIGNEE:

PLESSIS, ANNE

DOC DATE: 04/14/1995

ASSIGNEE:

THIERRY, AGNES

DOC DATE: 04/14/1995

11-30-95

ASSIGNEE:

INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
PARIS CEDEX 15, FRANCE 75724

SERIAL NUMBER: 07971160
PATENT NUMBER: 5474896

FILING DATE: 11/05/1992
ISSUE DATE: 12/12/1995

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FEB 2003
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Atty. Docket No. 3495.0111-01

To the Honorable Commissioner

Please record the attached original documents or copy _____

100037099

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

Bernard DUJON, Andre CHOUKIKA, Laurence COLLEAUX, Cecile FAIRHEAD, Arnaud PERRIN, Anne PLESSIS and Agnes THIERRY

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 4/13/95; 4/14/95; 4/26/95;
5/29/95; 5/31/95; and 6/7/95

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
U.S.S.N. 07/971,160
BATCH NO. E94

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FINNEGAN, HENDERSON, FARABOW,
Internal Address: GARRETT & DUNNERStreet Address: 1300 I Street, N.W.City: Washington
State: D.C. ZIP: 200056. Total number of applications and patents involved 17. Total fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to deposit account8. Deposit account number: 06-0916
Attach duplicate copy of this page if paying by deposit account.

RE60008 07/27/95 07971160

06-0916 060 581 40.00CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth J. Meyers

Registration No. 25,146

Signature

Ken J. Meyers

Date

Total number of pages including cover sheet, attachments and document: 5

JOINT INVENTION
(03495-0111-01000)
(U.S. Rights Only)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SceI AND THE USES THEREOF

(Title of Invention)

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 5, 1992, (Serial No. 07/971,160; and

WHEREAS, INSTITUT PASTEUR and UNIVERSITE PARIS-VI

(Full Name of Assignees)

corporations of France

(State of Incorporation)

whose post office addresses are 28, rue du Docteur Roux, 75724 Paris Cedex 13, France and 4, place Jussieu, 75005 Paris, France, respectively (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignees I hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patents for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant and agree that I/We will, without further consideration, communicate with assignees, their successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that a expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

U.S. SERIAL NO.

BATCH NO. M94

ARRY. Socket No. 3495.0111-01

2. Name and address of receiving party(ies): (Cont'd)

Additional Assignee: UNIVERSITE PARIS-VI
Street Address: 4, place Jussieu
City: 75005 Paris, France

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

County of Vu pour certification
matérielle de la signature)
State of de MR Bernard DUJON)

Subscribed and sworn to before me this
day of Paris, le 21 JUIN 1995.

D Notary Public

SEAL matérielle de la signature
de MR André CHOULIK

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Vu pour certification Notary Public

SEAL matérielle de la signature
de Mme Laurence COLLEAU

apposée ci-contre

County of Paris le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Vu pour certification Notary Public

SEAL matérielle de la signature
de Mme Cecile FAIRHEAD

apposée ci-contre

County of Paris le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Notary Public

SEAL

1. Full Name of First Assignor:
: BERNARD DUJON
: Address: 6, rue de la Gruerie
: 91190 Gif Sur Yvette, France
: First Assignor's Signature: DUJON
: Date: 26/04/95

2. Full Name of Second Assignor:
: ANDRE CHOULIK
: Address: 3, rue F. Mouchon
: 75015 Paris, France
: Second Assignor's Signature: CHOULIK
: Date: 23.05.95

3. Full Name of Third Assignor:
: LAURENCE COLLEAU
: Address: 9 Westfield Road
: Edinburgh EH11 2QT, Scotland(UK)
: Third Assignor's Signature: COLLEAU
: Date: 13/04/95

4. Full Name of Fourth Assignor:
: CECILE FAIRHEAD
: Address: 47, rue E. Dolet
: 92240 Malakoff, France
: Fourth Assignor's Signature: FAIRHEAD
: Date: 7.6.95

Vu pour certifi-
matérielle de la signature
de MR Arnaud PERRIN

County of apposée ci-contre)
State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

SEAL
Vu pour certification
matérielle de la signature
de Mme Anne PLESSIS

County of apposée ci-contre)
State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

SEAL
Vu pour certification
matérielle de la signature
de Mme Agnès THIERRY

County of apposée ci-contre)
State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

5. Full Name of Fifth Assignor:

: ARNAUD PERRIN
: Address: 10, avenue P. Appell
: 75014 Paris, France
: Fifth Assignor's Signature:
: APR 21 1995
: Date: 31.05.95

6. Full Name of Sixth Assignor:

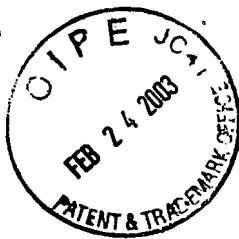
: ANNE PLESSIS
: Address: 42, rue N. D. Des Champs
: 75006 Paris, France
: Sixth Assignor's Signature:
: APR 21 1995
: Date: 14/04/95

7. Full Name of Seventh Assignor:

: AGNES THIERRY
: Address: 66, rue d'Alleray
: 75015 Paris, France
: Seventh Assignor's Signature:
: APR 21 1995
: Date: 14/04/95

SEAL

PINNEGAN, HENDERSON, PARABOW, GARRETT & DUNNER
WASHINGTON, D.C.



PATENT
Atty. Docket No. 3495.0111-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Bernard DUJON et al.) Group Art Unit: 1652
Serial No.: 09/836,169) Examiner: Patterson, Charles
Filed: April 18, 2001) 494

For: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I
AND THE USES THEREOF

Commissioner for Patents
Washington, D.C. 20231

Sir:

TERMINAL DISCLAIMER

Petitioner ("assignees") INSTITUT PASTEUR, duly organized under the laws of France, and having its principal place of business at 28 rue du Docteur Roux, 75724 Paris Cedex 15, France, and UNIVERSITE PARIS VI, also known as UNIVERSITE PIERRE ET MARIE CURIE, duly organized under the laws France, and having its principal place of business at 4, place Jussieu, 75005 Paris, France, herein after referred to as "the Assignees", represent that they are the only assignees of the entire right, title and interest in and to both the above-identified application, Serial No. 09/836,169 filed April 18, 2001, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment duly recorded at Reel 7546, Frame 0001, in the United States Patent and Trademark Office

(copy attached), and application Serial No. 09/196,131 filed November 20, 1998, now U.S. Patent No. 6,238,924, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF in the name of Bernard DUJON et al., as indicated by assignment(s) duly recorded at Reel 7546, Frame 0001, in the United States Patent and Trademark Office (copy attached). The Assignees further represent that to the best of Assignees' knowledge and belief, title to the above-identified application, Serial No. 09/836,169, and the United States Patent No. 6,238,924 are in assignee, which is submitting this Terminal Disclaimer.

To obviate a double patenting rejection, the Assignees hereby disclaim, under the provisions of 37 C.F.R. § 1.321, the terminal part of any patent granted on the above-identified application, Serial No. 09/836,169, which would extend beyond the expiration date of Patent No. 6,238,924, and hereby agree that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent No. 6,238,924, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim the terminal part of any patent granted on Appl. Serial No. 09/836,169, that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §§ 154 to 156 and 173 of Patent No. 6,238,924, as presently shortened by any terminal disclaimer, in the event that Patent No. 6,238,924: expires for failure to pay a maintenance fee, is held unenforceable, is found

invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or in part, is terminally disclaimed under 37 C.F.R. § 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term, as presently shortened by any terminal disclaimer.

The undersigned is authorized to act on behalf of the assignee UNIVERSITE PARIS VI/UNIVERSITE PIERRE ET MARIE CURIE.

I hereby declare that all statements made of my own knowledge and belief are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

UNIVERSITE PARIS VI/
UNIVERSITE PIERRE ET MARIE CURIE

Dated: 02/05/2003

By:
Title:

Le President
de l'Université P. et M. Curie
(Paris 6)
Gilbert BEREZIAT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 24, 1995

RECEIVED

FINNEGAN, HENDERSON, GARRETT ET AL
KENNETH J. MEYERS
1300 I STREET, N.W.
WASHINGTON, D.C. 20005

NOV 30 1995

100037099A

FINNEGAN, HENDERSON,
FARASOW, GARRETT & DUJON

3495-0111-01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/11/1995

REEL/FRAME: 7546/0001
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUJON, BERNARD

DOC DATE: 04/26/1995

ASSIGNOR:

CHOULIK, ANDRE

DOC DATE: 05/29/1995

ASSIGNOR:

COLLEAUX, LAURENCE

DOC DATE: 04/13/1995

ASSIGNOR:

FAIRHEAD, CECILE

DOC DATE: 06/07/1995

ASSIGNOR:

PERRIN, ARNAUD

DOC DATE: 05/31/1995

ASSIGNOR:

PLESSIS, ANNE

DOC DATE: 04/14/1995

ASSIGNOR:

THIERRY, AGNES

DOC DATE: 04/14/1995

11-30-95

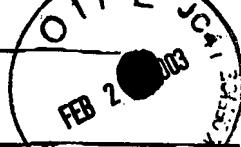
ASSIGNEE:

INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
PARIS CEDEX 15, FRANCE 75724

SERIAL NUMBER: 07971160
PATENT NUMBER: 5474896

FILING DATE: 11/05/1992
ISSUE DATE: 12/12/1995

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

To the Honorable Commissioner of
Please record the attached original documents or copy _____.

100037099

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

Bernard DUJON, Andre CHOULIKA, Laurence COLLEAUX, Cecile FAIRHEAD, Arnaud PERRIN, Anne PLESSIS and Agnes THIERRY

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 other _____

Execution Date: 4/13/95; 4/14/95; 4/26/95;
5/29/95; 5/31/95; and 6/7/95

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,
the execution date of the application is: _____A. Patent Application No.(s)
U.S.S.N. 07/971,160
BATCH NO. E94

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FINNEGAN, HENDERSON, FARABOW,
Internal Address: GARRETT & DUNNERStreet Address: 1500 I Street, N.W.City: Washington
State: D.C. ZIP: 200056. Total number of applications and patents involved 17. Total fee (37 CFR 3.41): \$ 40.00
Enclosed Authorized to be charged to deposit account8. Deposit account number: 06-0916
Attach duplicate copy of this page if paying by deposit account.

KE60008 07/27/95 07971160

06-0916 060 551 40.00CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth J. Meyers

Registration No. 25,146

Signature

Signature Ken J. Meyers Date JULY 11, 1995Total number of pages including cover sheet, attachments and document: 5

U.S. SERIAL NO.

BATCH NO. H94

ALNY. SOCKET NO. 3495.0111-01

2. Name and address of receiving party(ies): (Cont'd)

Additional Assignee: UNIVERSITE PARIS-VI
Street Address: 4, place Jussieu
City: 75005 Paris, France

JOINT INVENTION
(03495-0111-01000)
(U.S. Rights Only)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SceI AND THE USES THEREOF

(Title of Invention)

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 5, 1992, (Serial No. 07/971,160; and

WHEREAS, INSTITUT PASTEUR and UNIVERSITE PARIS-VI

(Full Name of Assignees)

corporations of France

(State of Incorporation)

whose post office addresses are 28, rue du Docteur Roux, 75724 Paris Cedex 15, France and 4, place Jussieu, 75005 Paris, France, respectively (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignees is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patents for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant and agree that I/We will, without further consideration, communicate with assignees, their successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that a expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

County of Vu pour certification)

matérielle de la signature)

State of de MR Bernard DUJON)

Subscribed and sworn to before me this
day of Paris, le 21 JUIN 1995.

Vu pour certification

Notary Public

SEAL matérielle de la signature

de MR Andre CHOULIK

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D.D.U.)

Subscribed and sworn to before me this
day of 19.

Vu pour certification

Notary Public

SEAL matérielle de la signature

de Mme Laurence COLLEAUX

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D.D.U.)

Subscribed and sworn to before me this
day of 19.

Vu pour certification

Notary Public

SEAL matérielle de la signature

de Mme Cecile FAIRHEAD

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D.D.U.)

Subscribed and sworn to before me this
day of 19.

Notary Public

1. Full Name of First Assignor:

BERNARD DUJON

Address: 6, rue de la Gruerie

91190 Gif Sur Yvette, France

First Assignor's Signature: DUJON

Date: 26/04/95

2. Full Name of Second Assignor:

ANDRE CHOULIK

Address: 3, rue F. Mouton

75015 Paris, France

Second Assignor's Signature: CHOULIK

Date: 23.05.95

3. Full Name of Third Assignor:

LAURENCE COLLEAUX

Address: 9 Westfield Road

Edinburgh EH11 2QT, Scotland(UK)

Third Assignor's Signature: COLLEAUX

Date: 13/04/95

4. Full Name of Fourth Assignor:

CECILE FAIRHEAD

Address: 47, rue E. Dolet

92240 Malakoff, France

Fourth Assignor's Signature: FAIRHEAD

Date: 7.6.95

SEAL

Vu pour certifi-
matérielle de la signature
de MR Arnaud PERRIN

County of apposée ci-contre)

State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

Vu pour certification
matérielle de la signature
de Mme Anne PLESSIS

County of apposée ci-contre)

State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

Vu pour certification
matérielle de la signature
de Mme Agnes THIERRY

County of apposée ci-contre)

State of Paris, le 21 JUIN 1995)

Subscribed and sworn to before me this
day of 19.

Notary Public

5. Full Name of Fifth Assignor:

ARNAUD PERRIN

Address: 10, avenue P. Appell
75014 Paris, France

Fifth Assignor's Signature:

Date: 31.05.95

6. Full Name of Sixth Assignor:

ANNE PLESSIS

Address: 42, rue N. D. Des Champs
75006 Paris, France

Sixth Assignor's Signature:

Date: 14/04/95

APlessis

7. Full Name of Seventh Assignor:

AGNES THIERRY

Address: 66, rue d'Alleray
75015 Paris, France

Seventh Assignor's Signature:

Date:

14/04/95

SEAL

PINNEGAN, HENDERSON, PARABOW, GARRETT & DUNNER
WASHINGTON, D.C.